PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARCIN PIOTR KOWALSKI	04/12/2018

RECEIVING PARTY DATA

Name:	AMAZON TECHNOLOGIES, INC.	
Street Address:	PO BOX 81226	
City:	SEATTLE	
State/Country:	WASHINGTON	
Postal Code:	98108-1226	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15951926

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	1030P44227US
NAME OF SUBMITTER:	ERIC L. SELLARS
SIGNATURE:	/EricLSellars/
DATE SIGNED:	04/13/2018

Total Attachments: 4

source=P44227-US (1030P44227US) - Assignment and Declaration - Privileged and Confidential#page1.tif source=P44227-US (1030P44227US) - Assignment and Declaration - Privileged and Confidential#page2.tif source=P44227-US (1030P44227US) - Assignment and Declaration - Privileged and Confidential#page3.tif source=P44227-US (1030P44227US) - Assignment and Declaration - Privileged and Confidential#page4.tif

PATENT 504868892 REEL: 045538 FRAME: 0745

U.S. Patent Appln. No. <u>15/951,926</u>

Attorney Docket No. 1030P44227US

Filing Date <u>4/12/2018</u>

Client Docket No. P44227-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

Marcin Piotr Kowalski 410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"ADAPTIVELY MONITORING AND SCALING COLLECTIONS OF COMPUTING RESOURCES" (Invention)

for which a non-provisional application for United States Letters Patent (Application):

was filed on _______ and accorded U.S. Application No. ______; or

will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of Nicholson De Vos Webster & Elliott LLP, associated with Customer No. $\underline{148241}$, to insert in the header above and here in parentheses (U.S. Patent Application No. $\underline{15/951,926}$ filed 4/12/2018) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its

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U.S. Patent Appln. No. <u>15/951,9</u>26

Attorney Docket No. 1030P44227US

Filing Date <u>4/12/2018</u>

Client Docket No. P44227-US

Title of Invention: ADAPTIVELY MONITORING AND SCALING COLLECTIONS OF COMPUTING

RESOURCES

Inventors: Marcin Piotr Kowalski

successors and assigns, the entire right, title and interest in and to said Invention and any

improvements thereto, said Application and any and all letters patent which may be granted for

said Invention in the United States of America and its territorial possessions and in any and all

foreign countries, and in any and all provisional, divisions, reissues, re-examinations and

continuations thereof, including the right to file foreign applications directly in the name of

ASSIGNEE and to claim priority rights deriving from said Application to which said foreign

applications are entitled by virtue of international convention, treaty or otherwise, said invention,

Application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its

successors and assigns for their use and benefit and of their successors and assigns as fully and

entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment,

transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner

of Patents and Trademarks, as well as all other applicable patent offices throughout the world, to

issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to execute all

instruments and documents required for the making and prosecution of applications for United

States and foreign letters patent on said Invention, for litigation regarding said letters patent, or

for the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its

successors, legal representatives, and assigns all claims for damages and all remedies arising out

of any violation of the rights assigned hereby that may have accrued prior to the date of

assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue

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U.S. Patent Appln. No. 15/951,926

Attorney Docket No. 1030P44227US

Filing Date 4/12/2018

Client Docket No. P44227-US

Title of Invention: ADAPTIVELY MONITORING AND SCALING COLLECTIONS OF COMPUTING

RESOURCES

Inventors: Marcin Piotr Kowalski

for, collect, and retain damages for past infringements of said letters patent before or after

issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate

to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR

respecting the Invention or said Application, and testify in any legal proceeding, assist in the

preparation of any other patent property relating to the Application and the Invention or any

improvements made thereto, sign/execute all lawful papers, provide all requested documents,

execute and make all rightful oaths and/or declarations in connection with the Application and

the Invention including any improvements made thereto, any patent applications filed therefrom,

and any continuing application filed from any of the aforementioned applications, and generally

do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain

and enforce proper patent protection for the Invention in all countries. These provisions are

binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

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PATENT REEL: 045538 FRAME: 0748

Attorney Docket No. 1030P44227US U.S. Patent Appln. No. <u>15/951,926</u> Client Docket No. P44227-US Filing Date <u>4/12/2018</u> Title of Invention: ADAPTIVELY MONITORING AND SCALING COLLECTIONS OF COMPUTING **RESOURCES** Inventors: Marcin Piotr Kowalski **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number ______ filed on _____; or PCT International Application number ______ filed on ______. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application. I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

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RECORDED: 04/13/2018

Marcin Piotr Kowalski

12 April 2018